

Message

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**From:** Strynar, Mark [Strynar.Mark@epa.gov]  
**Sent:** 4/28/2020 11:52:26 AM  
**To:** [REDACTED]  
**CC:** [REDACTED]  
**Subject:** Re: Cape Fear question coming out of the blue \_UPDATE

Hi All,

I have a first draft to my management for a response. [REDACTED]  
[REDACTED]

Mark

Dr. Mark Strynar  
US EPA/ORD/CEMM  
strynar.mark@epa.gov  
(office) 919-541-3706  
(mobile) [REDACTED] Ex. 6 Personal Privacy (PP)

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**From:** [REDACTED]  
**Sent:** Monday, April 27, 2020 5:02 PM  
**To:** [REDACTED]  
**CC:** [REDACTED] Strynar, Mark <Strynar.Mark@epa.gov>  
**Subject:** RE: Cape Fear question coming out of the blue \_UPDATE

Yes—that would be great. Thank you!

[REDACTED] Attorney-Adviser  
U.S. Environmental Protection Agency  
OECA – OCE – Water Enforcement Division  
[REDACTED]

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**From:** [REDACTED]  
**Sent:** Monday, April 27, 2020 4:56 PM  
**To:** [REDACTED]  
**CC:** [REDACTED] Strynar, Mark <Strynar.Mark@epa.gov>  
**Subject:** FW: Cape Fear question coming out of the blue \_UPDATE

[REDACTED]

# Ex. 7(A)

Best,  
[REDACTED]

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**From:** Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>  
**Sent:** Thursday, April 16, 2020 8:49 AM  
**To:** [REDACTED]  
**Subject:** Re: Cape Fear question coming out of the blue \_UPDATE

[REDACTED]

My first assessment for samples taken from the Cape Fear river seems accurate with respect to the HFPO-TA. These samples were taken in 2017 to 2018 in concert with the state of North Carolina's DEQ. They were to assess PFAS in the finished drinking water derived from downstream of the Chemours facility.

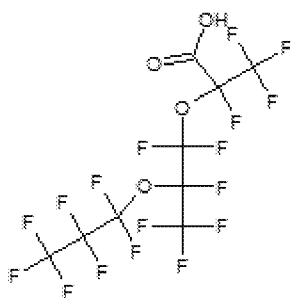
However:

1. The samples we took of the Chemours [REDACTED]  
[REDACTED]
2. In addition we have samples from 10-5-17 where NC DEQ went on the facility to take samples and from [REDACTED]  
[REDACTED]
3. [REDACTED]  
[REDACTED]

Here is my line of evidence to support this:

- [REDACTED]
2. The retention time of the peak is consistent with being HFPO-TA as [REDACTED]  
PFOA the chromatogram. [REDACTED]  
being 413 for PFOA and 463 for Nafion BP2 respectively.
  3. Experience as to how these PFAS behave in the MS. [REDACTED]  
[REDACTED]  
[REDACTED]
- [REDACTED]

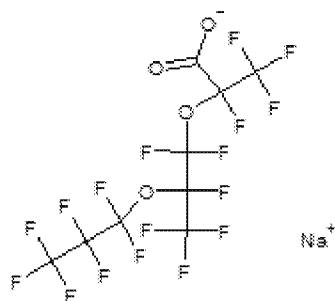
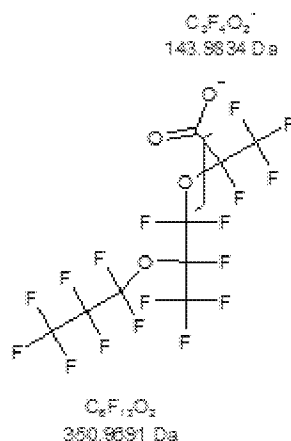
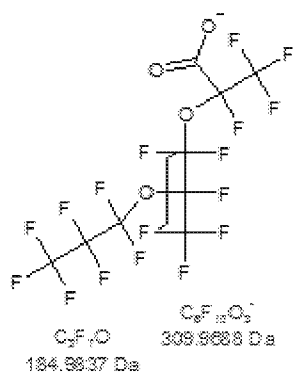
Mark



HFPO-TA CAS 13252-14-7  
<https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID00892442>

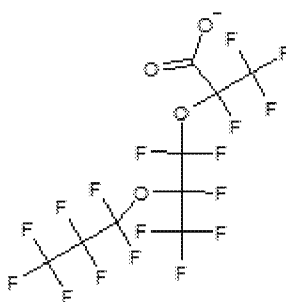
Molecular Formula:  $C_9HF_{17}O_4$   
 Monoisotopic Mass: 495.960338 Da  
 $[M-H]^-$ : 494.953081 Da

Likely MS fragmentation points



$H^+$

$Na^+$



$H^+$  dimer  
 Monoisotopic Mass: 990.91369 Da

$Na^+$  dimer  
 Monoisotopic Mass: 1012.896344 Da

Dr. Mark Strynar  
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[strynar.mark@epa.gov](mailto:strynar.mark@epa.gov)  
 (office) 919-541-3706  
 (mobile) Ex. 6 Personal Privacy (PP)

From: [REDACTED]  
 Sent: Wednesday, April 15, 2020 10:06 PM

To: Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>

Subject: RE: Cape Fear question coming out of the blue

Enforcement Sensitive. FOIA Exempt. DO not release under FOIA

**Ex. 7(A)**

Best,

[REDACTED]

Waste and Chemical Enforcement Division

WJC South 1200 Pennsylvania Ave. NW

Room 4108A, Mail Code 2249A

Washington, DC 20460

2 [REDACTED]